

## ABSTRACT OF DISCLOSURE

A sulfuric acid recycle apparatus capable of concentrating sulfuric acid, which is lowered in concentration upon completion of a wafer cleaning process, to a level to be recycled is provided. The sulfuric acid recycle apparatus for recycling sulfuric acid in a wafer cleaning fluid prepared by mixing sulfuric acid and hydrogen peroxide solution comprises a reaction bath having two openings formed of at least an introduction port and a discharge port for obtaining concentrated sulfuric acid by concentrating sulfuric acid in the wafer cleaning waste fluid introduced from the introduction port upon completion of a wafer cleaning process, then discharging the concentrated sulfuric acid from the discharge port, a wafer processing bath for processing wafers, and a supply unit for supplying the concentrated sulfuric acid to the wafer processing bath.